If you are using a printed copy of this procedure, and not the on-screen version, then you <u>MUST</u> make sure the dates at the bottom of the printed copy and the on-screen version match.

The on-screen version of the Collider-Accelerator Department Procedure is the Official Version.

Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ

Training Office, Bldg. 911A.

## C-A OPERATIONS PROCEDURES MANUAL

#### **ATTACHMENT**

#### 4.16.h B2 Access Control Test

Text pages 2 through 4

	C-A OPM Procedu	ares in which this A	ttachment is	used.	
	4.16				
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	<u>Ha</u>	nd Processed Chang	<u>ges</u>		
HPC No.	<u>Date</u>	Page I	Nos.	<u>Initials</u>	
	Approved:				
	<b>прриочец.</b>	Collider-Accele	rator Departr	nent Chairman	Date
N. Williams					

## **B2 ACCESS CONTROL TEST FOR**

PERIODTO
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# ACCESS CONTROLS GROUP PERSONNEL

PRINT NAME	LIFE NUMBER

## **PRECAUTIONS**

Working Hot Permit

All Radiation Sources LOTO

# SUPPORTING DOCUMENTS

LOGIC DIAGRAM TITLE	LOGIC DIAGRAM NUMBER	REVISION
B2 Secondary Beam Logic	B2.LGC	E 3-13-95

SCHEMATIC TITLE	SCHEMATIC NUMBER	REVISION
B2 Secondary Beam Schematic	B2SECUR	O 3-13-95

# INPUT TESTING

INITIAL and DATE 1 through 6 for the correct indication of each input CONDITION by observation of the following relay for BOTH input states:

CONDITION	RELAY	RELAY ENERGIZED (Condition is TRUE) Initial	RELAY DE-ENERGIZED (Condition is NOT TRUE) Initial	DATE
	3891K2			
1. SEB B on Controlled Access	3891K16			
2. SEB B Safely off	3891K3			
3. B2D1 P.S. Off	3891K6			
4. B2 Experimenter's Gate Reset	3891K15			
5. B2 Experimenter's and Escape Gate Redundant door sw. O.K.	3891K13			
6. B2 Radiation Monitor O.K.	3891K11			
7. Reset Function O.K.	3891K12			
8. B2 Chipmunk O.K.	3891K7			

## **OUTPUT TESTING**

INITIAL and DATE 1 and 2 for the correct indication of each output CONDITION by observation of the following relays for BOTH output states:

CONDITION	RELAY	RELAY ENERGIZED (Condition is TRUE) Initial	RELAY DE-ENERGIZED (Condition is NOT TRUE) Initial	DATE
	RELA I	Illuai	Illuai	DATE
1. B2D1 P.S.				
Interlock Clear	3891A8			
2. B2 Primary	(22MV5)			
Interlock	(23MK5)			

#### LOGIC TESTING

INITIAL and DATE 1 through 5. Check by forcing each contact ON and OFF so that the listed relay goes ON and OFF. The schematic indicates which contact controls which relay.

RELAY	CONTACT ON (Relay ON) Initial	CONTACT OFF (Relay OFF) Initial	DATE
1. 3891K1			
2. 3891A8			
3. 3891K4			
4. 3891K5			
5. 3891K10			